IN THE CLAIMS

Please amend the claims as follows:

1.   (Original) A client device comprising:

an ad-hoc client to manage connection of said client device to an ad-hoc wireless network;

a DHCP client to send a DHCP discover message in response to a command from said ad-hoc client; and

a tinyDHCP unit to sense said DHCP discover message and allocate an IP address for the client device in response thereto.

2.   (Original) The client device of claim 1, further comprising:

a packet driver to provide raw access to a wireless network medium for at least the tinyDHCP unit without using sockets functionality.

3.   (Original) The client device of claim 2, wherein:

said packet driver is a part of a packet capture library.

4.   (Canceled)

5.   (Original) The client device of claim 1, wherein:

said DHCP client sends said DHCP discover message to a predetermined port that is monitored by said tinyDHCP unit.

6.   (Original) The client device of claim 1, wherein:

said tinyDHCP unit tests the availability of said IP address.

7.   (Original) The client device of claim 6, wherein:

said tinyDHCP unit tests the availability of said IP address by sending an ICMP echo request.

8.   (Original) The client device of claim 1, wherein:

said tinyDHCP unit sends a DHCP offer that includes the IP address.

9.   (Original) The client device of claim 8, wherein:

said tinyDHCP unit sends said DHCP offer to a predetermined port that is monitored by said DHCP client.

10.   (Original) The client device of claim 8, wherein:

said DHCP client senses said DHCP offer and sends a DHCP request based thereon, wherein said DHCP request includes said IP address.

11.   (Original) The client device of claim 10, wherein:

said DHCP client verifies availability of said IP address before sending said DHCP request.

12.   (Original) The client device of claim 10, wherein:

said tinyDHCP unit senses said DHCP request and sends a DHCP acknowledge (ACK) message in response thereto.

13.   (Original) The client device of claim 1, wherein:

said tinyDHCP unit is associated with a user interface to allow a user to specify DHCP parameters.

14.   (Original) A method for use in connecting a client device to an ad-hoc network, comprising:

said sending a DHCP discover message from within the client device;

receiving said DHCP discover message within the client device; and

allocating an IP address to the client device in response to receiving said DHCP discover message, within the client device.

15.   (Original) The method of claim 14, wherein:

sending includes sending said DHCP discover message to a predetermined port.

16.   (Original) The method of claim 15, wherein:

receiving includes monitoring said predetermined port and sensing said DHCP discover message on said predetermined port.

17.   (Original) The method of claim 14, further comprising:

sending a DHCP offer that includes said IP address, after allocating said IP address, from within the client device.

18.   (Original) The method of claim 17, further comprising:

testing the availability of said IP address before sending said DHCP offer.

19.   (Original) The method of claim 17, wherein:

sending a DHCP offer includes causing a packet driver to send said DHCP offer on a wireless network medium.

20.   (Original) The method of claim 19, wherein:

said packet driver sends said DHCP offer on said wireless network medium without the use of sockets functionality.

21.   (Original) The method of claim 17, further comprising:

receiving said DHCP offer within the client device; and

sending, after receiving said DHCP offer, a DHCP request that includes said IP address from within the client device.

22.   (Original) The method of claim 21, further comprising:

verifying that the IP address within the DHCP offer is available before sending said DHCP request.

23.   (Original) The method of claim 21, further comprising:

receiving said DHCP request within the client device; and

sending, after receiving said DHCP request, a DHCP acknowledge (ACK) message from within the client device.

24.   (Original) The method of claim 23, further comprising:

receiving said DHCP ACK message within the client device.

25.   (Original) The method of claim 14, wherein:

allocating includes using dynamic DHCP allocation.

26.   (Currently Amended) An article comprising computer readable storage media having instructions stored thereon that, when executed by a computing platform, result in:

sending a DHCP discover message from within a client device;

receiving said DHCP discover message within the client device; and

allocating an IP address to the client device in response to receiving said DHCP discover message, from within the client device.

27.   (Original) The article of claim 26, wherein:

sending includes sending said DHCP discover message to a predetermined port.

28.   (Original) The article of claim 27, wherein:

receiving includes monitoring said predetermined port and sensing said DHCP discover message on said predetermined port.

29.   (Original) The article of claim 26, further comprising:

sending a DHCP offer that includes said IP address, after allocating said IP address, from within the client device.

30.   (Original) A client device comprising:

a wireless network interface card (NIC) to provide an interface to a wireless network medium;

an ad-hoc client to manage connection of said client device to an ad-hoc wireless network;

a DHCP client to send a DHCP discover message in response to a command from said ad-hoc client; and

a tinyDHCP unit to sense said DHCP discover message and allocate an IP address for the client device in response thereto.

31.   (Original) The client device of claim 30, wherein:

said wireless NIC is configured in accordance with the IEEE 802.11 wireless networking standard.

32.   (Original) The client device of claim 30, further comprising:

a packet driver to provide raw access to said wireless network medium for the tinyDHCP unit without using sockets functionality.

33.   (Original) The client device of claim 32, wherein:

said packet driver is part of a packet capture library.

34.   (Canceled)